

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

FINAL

Conditional Major, Operating

Permit: F-07-050

UK Samaritan Hospital

Lexington, KY 40508

January 2, 2008

Lisa Beckham, Reviewer

SOURCE ID:	21-067-00096
AGENCY INTEREST:	1054
ACTIVITY:	APE20070001

SOURCE DESCRIPTION:

On July 16, 2007, an application was received from the University of Kentucky (UK) for a change in ownership of Samaritan Hospital located in Lexington, Kentucky. UK assumed ownership of Samaritan Hospital on July 1, 2007. An internal audit determined that the existing operating permit (0-84-110, issued in May 1984) did not include all of the current emission units at the facility and as a result a new conditional major permit is being issued.

The facility currently has three indirect heat exchangers rated at 20.9 MMBtu/hr, 12 MMBtu/hr, and 12 MMBtu/hr, and three emergency diesel generators rated at 235 kW, 385 kW, and 275 kW. Potential emissions of sulfur dioxide from these units exceeds the major source threshold and the facility has proposed emission and operating limits to preclude the applicability of Title V [401 KAR 52:020] permitting requirements.

This permit limits source-wide sulfur dioxide emissions to 90 tons per year, limits source-wide fuel oil usage to 2,292,000 gallons per year and limits the sulfur content of fuel oil to 0.5 percent by weight.

PUBLIC AND U.S. EPA REVIEW:

On November 26, 2007, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in the *Lexington Herald Leader* in Lexington, Kentucky. In addition, notification of the issuance of the draft permit was sent to the U.S. EPA on November 20, 2007 via e-mail. The public comment period expired 30 days from the date of publication. No comments were received during this period. The permit is now being issued final.